

Kentucky Adult Education County Profiles

Technical Notes

The Kentucky Adult Education County Profiles Report is produced by the Kentucky Center for Education and Workforce Statistics (KCEWS) utilizing data from the Kentucky Longitudinal Data System (KLDS). The KLDS includes data from the Department of Education, Council on Postsecondary Education (CPE), the National Student Clearinghouse (NSC) and the Kentucky Higher Education Assistance Authority (KHEAA).

This report provides the most complete and accurate data about adult education for these counties and Workforce Investment Boards (WIBs). It follows students who were enrolled in Kentucky Adult Education from the 2009 to 2011 Fiscal Years (FY) and includes information about education and workforce paths. The reports compare counties, WIBs, and the Commonwealth of Kentucky.

Counties report any student who enrolled in an adult education course in that specific county. It is possible for a student to be counted in more than one county if they enrolled in courses in multiple counties. However, if both counties were in the same WIB, the student was only counted once for the WIB outcomes.

Occasionally, data from one source will not conform to data from another source because of differences in cohorts, how variables are defined, the treatment of missing data, and other factors. This means that data published in this report may not be comparable to data published in other reports. Values that are not available or are suppressed to preserve individual privacy are represented by an asterisk (*). The rules for suppressing and redacting sensitive data are found at the end of this document.

Page 1: What are some basic facts about this county's (or WIB's) residents?

Please note that when reporting at the County level, comparisons will include county to WIB to Commonwealth. When reporting at the WIB level, comparisons will include WIB to Commonwealth. The following data is sourced from the US Census Bureau, Annual Estimates of the Resident Population, 2013 Population Estimates (July 1, 2013). See: <http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>

- 1. Total Population:** Source: US Census Bureau, Annual Estimates of the Resident Population, <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.
- 2. Median Household Income:** The Census defines a household as any group of related or unrelated individuals living together other than in group quarters such as dormitories, prisons, or military barracks. Half of all households have an income higher than the median, and half have an income lower than the median. The Census calculates median household incomes for counties, states, and the nation, but there is no way to mathematically combine medians, so we are unable to report median household incomes for Workforce Investment Areas. Source: US Census Bureau, 2009-2013 American Community Survey, Table ID B19013 (5 year estimates).
- 3. Living in Poverty:** The percentage of the population with incomes below the federally defined poverty level. Workforce Investment Area percentages were calculated by weighting each county's percentages by the total county population and should be treated as estimates. Source: US Census Bureau, 2009-2013 American Community Survey, Table ID S1701 (5 year estimates).
- 4. Eligible for Medicaid:** The percentage of the population eligible for Medicaid assistance. The state percentage is more than the combination of the county percentages due to the inclusion of eligible persons not assigned to a specific county. Comparable national data are not available. Percentages were calculated

by dividing the number of people eligible for Medicaid assistance by the total population for that area.
Source: Kentucky Department for Medicaid Services (FY 2013).

5. **Without Medical Insurance:** The percentage of the population under the age of 65 not covered by medical insurance. Workforce Investment Area percentages are calculated by weighting each county's percentage by the total population under age 65 and should be treated as estimates. Source: US Census, Small Area Health Insurance Estimates Program (2012 estimates).
6. **Less than a high school diploma:** The percentage of the population 25 years and older with less than a high school diploma. Source: US Census Bureau, 2009-2013 American Community Survey.
7. **National Career Readiness Certificates Awarded in 2013:** The National Career Readiness Certificate (NCRC) is an industry- recognized, portable, evidence-based credential that certifies essential skills needed for workplace success. This credential is used across all sectors of the economy and verifies the following cognitive skills: problem solving, critical thinking, reading and using work-related text, applying information from workplace documents to solve problems, applying mathematical reasoning to work-related.

Bar Chart: Unemployment Rate: The percentage of the civilian workforce actively looking for work but unable to find it. Workforce is defined as the total population 16 years of age and older. Source: Kentucky Office of Employment and Training (2013 annual averages of monthly).

<https://kylmi.ky.gov/>

What are some facts about County (WIB) residents enrolled in adult education?

Data was collected on a group of students enrolled in Kentucky Adult Education between FY 2009-11 in order to provide more accurate postsecondary and workforce outcomes. These outcomes were produced in hopes of increasing the number of college-ready GED® graduates, preparing students for college and career-readiness, and developing Kentuckians to succeed in a global economy.

1. **Total unique students enrolled in adult education:** Total number of unique students enrolled in Adult Education between FY 2009 and FY 2011 that were enrolled in at least 12 credit hours with a program type of Adult Education or ESL.
2. **Gender:** Male or Female as determined by data in the KLDS.
3. **Race:** Race/Ethnicity was categorized into White, Black, Hispanic, and Other. Data Source: KLDS
4. **Student's education equivalency upon entering:** The student's Standard Grade Level Range at the time of entry into Adult Education. Level descriptors are based off the National Reporting System Education Function Level. Source: Kentucky Adult Education
5. **Median Age:** The average age of students enrolled in adult education approximated by taking fiscal year of enrollment and subtracting birth year.
6. **Median hours enrolled in adult education:** The average number of hours enrolled in adult education during a student's first year (of those meeting inclusion criteria).
7. **Employment rate for those enrolled in adult education:** The percentage of those enrolled in adult education who were also employed at any point during the same fiscal year. Employment data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.

Bar Chart: Enrollment by Age Group: The percent of overall adult education enrollees belonging to each age group between FY 2009-11 who took at least 12 hours and their program type was Adult Education or ESL.

County percentages are compared at the WIB and State levels. In the WIB report series, only WIB and State are compared.

Page 2: What are the postsecondary outcomes for those who earned a GED diploma in-County?

This section is for those in the previous cohort who enrolled in adult education between the 2009 and 2011 fiscal years AND acquired a GED Credential. Outcomes are through FY 2014.

1. **Earned a GED diploma between FY 2009-14:** The count of adult education students from the previous cohort who acquired a GED Diploma through fiscal year 2014.
2. **Ever enrolled in a postsecondary institution:** The count of students who enrolled in a postsecondary institution through academic year 2014. This includes public, independent, and out-of-state through National Student Clearinghouse.

Outcomes 3 through 8 are for In-State public institutions only.

3. **Student enrollment status in first semester:** The student's postsecondary enrollment status (part-time or full-time) in their first semester.
4. **Median credit hours earned in first year:** The average number of hours earned in the student's first year of enrollment in postsecondary. These are credits that count toward degree completion. Credits attempted but not completed and remedial courses are excluded.
5. **Received a Pell Grant first year:** The count of students who received a Federal Pell Grant in their first year of postsecondary enrollment.
6. **Median Pell Grant amount in first year:** The average amount received from a Federal Pell Grant in the student's first year of enrollment.
7. **Took a remedial course:** The count of students who took a remedial course in their first year of postsecondary enrollment.
8. **Level of degree obtained:** The count of certificates, diplomas, associate degrees, and bachelor degrees earned through academic year 2014.

Bar Chart: Enrollments by Institution Type in 1st Year: Counts of postsecondary enrollments for those who acquired a GED and enrolled in an in-state 4 year public, 2 year public, or independent institution. Students could enroll in more than one category.

Bar Chart: Most Common Major: The counts of the top 5 majors students who acquired a GED entered in postsecondary earning a GED.

What are the workforce outcomes for those who earned a GED Diploma in County?

This section is for those in the previous cohort who enrolled in adult education AND acquired a GED Credential. Outcomes are through FY 2014. Please note that employment outcomes are only calculated for those who did not enroll in a postsecondary institution.

1. **Median wages one year prior to earning a GED degree:** The average wages for the fiscal year prior to earning a GED Diploma. Wage data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.

2. **Median wages one year after earning a GED diploma:** The average wages for the fiscal year after earning a GED Diploma. Wage data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.
3. **Employment rate one year prior to earning a GED diploma:** The percentage of those acquiring a GED who were also employed during the fiscal year prior to earning their GED. Employment data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.
4. **Employment rate one year after earning a GED diploma:** The percentage of those acquiring a GED who were also employed during the fiscal year after earning their GED. Employment data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.

Bar Chart: Most Common Industry Entered: The counts of the top 5 industries students who acquired a GED entered the fiscal year after earning a GED. Employment data are for individuals employed by firms covered under Kentucky's unemployment insurance system. Those employed out-of-state are not included.

Redaction Rules

The Kentucky Center for Education and Workforce Statistics follows strict redaction and suppression guidelines to ensure the privacy of all students. The following redaction rules were applied to the adult education county profiles report to redact or mask some of the data based on the small cell-size counts that could be used to identify individual students. In general, categories must have a base denominator of 10 to be present in the report. If two categories are exhaustive (ex: males and females) if either group has less than 10 students, both groups are redacted. All rules apply at the school, district and state level. All graphs include data already presented in the report unless otherwise noted. If these data are redacted in the report, they are also redacted in any accompanying charts and graphs.